

ABSTRACT OF THE DISCLOSURE

According to this invention, there is provided a manipulator which prevents the distal end portion of a manipulating member from moving even if its posture is changed, and a minute object manipulating apparatus
5 using the manipulator. The manipulator of the invention includes, for example, a manipulating target object manipulating member which is driven and controlled by a plurality of free rotation axes. All
10 the free rotation axes cross at one point, and the manipulation distal end portion of the manipulating member is placed near the intersection.